

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

|             |   |                 |        |
|-------------|---|-----------------|--------|
| Inventors:  | Kuniyuki KAJITA   | Prior Art Unit: | 2100   |
| Serial No.: | Division. App. of<br>Serial No. 10/018,658<br>filed December 21, 2001 | Prior Examiner: | Laufer |
| Filed:      | April 1, 2004   |                 |        |
| For:        | APPARATUS AND METHOD FOR CODING/DECODING                              |                 |        |

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

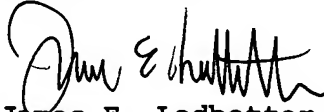
Pursuant to 37 C.F.R. §1.56, applicants hereby call to the attention of the Patent and Trademark Office the references listed on the attached List of References. All of these references are of record in the parent application; copies need not be submitted (see 37 CFR §1.98(d)). This list of references is being provided to ensure listing of these references on a patent to issue in this application in accordance with the following paragraph of MPEP 609:

"A citation on form PTO-1449 and considered by the Examiner...will be printed on the patent."

Applicants present these references so that the Patent and Trademark Office may, in the first instance, determine any relevancy thereof to the presently claimed invention; see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir., 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that these references be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: April 1, 2004

JEL/spp

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FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

L9289.01227A

DIVISION OF SERIAL NO.

10/018,658

APPLICANT

Kuniyuki KAJITA

FILING DATE

April 1, 2004

PRIOR GROUP

2100

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE    | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|---------|----------------|-------|----------|-------------------------------|
|                     | 4 9 2 9 9 4 6   | 05/1990 | O'Brien et al. |       |          |                               |
|                     | 5 7 8 1 5 7 0   | 07/1998 | Hattori        |       |          |                               |
|                     |                 |         |                |       |          |                               |
|                     |                 |         |                |       |          |                               |
|                     |                 |         |                |       |          |                               |
|                     |                 |         |                |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|-----------------|---------|---------|-------|----------|-------------|
|                 |         |         |       |          | YES NO      |
| 0 8 1 2 9 8 3 0 | 05/1996 | JP      |       |          | Abstract    |
| 0 9 1 4 9 0 8 0 | 06/1997 | JP      |       |          | Abstract    |
| 0 8 2 8 8 9 1 4 | 11/1996 | JP      |       |          | Abstract    |
|                 |         |         |       |          |             |
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|                 |         |         |       |          |             |
|                 |         |         |       |          |             |
|                 |         |         |       |          |             |
|                 |         |         |       |          |             |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

International Search Report dated July 3, 2001.

3<sup>rd</sup> Generation Partnership Project (3GPP); Technical Specification Group Radio Access Network  
Multiplexing and channel coding (FDD), (3G TS 25.212 version 3.1.0), December 1999.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.